CLAIMS

What is claimed is:

1. A method of converting analog input in a first hand-held computing device, the method comprising:

receiving the analog input from an analog input device in the first hand-held computing device;

converting the analog input to coordinates;

mapping the coordinates to a button for a second hand-held computing device; and

generating an event indicating a state of the button for the second hand-held computing device.

2. The method of claim 1 wherein the coordinates comprise x, y components.

3. The method of claim 1 wherein the coordinates are polar.

4. The method of claim 1 further comprising retrieving a table of coordinates and the button for the second hand-held computing device and wherein mapping the coordinates to the button is based on the table.

5. The method of claim 1 wherein the second hand-held computing device comprises a legacy PALM operating system button implementation.

6. The method of claim 1 wherein the second hand-held computing device comprises a 5-way button implementation.

7. The method of claim 1 wherein the second hand-held computing device comprises an 8-way button implementation.

8. The method of claim 1 wherein the second hand-held computing device comprises a 4-way button implementation.

9. A software product for converting analog input in a first hand-held computing device, the software product comprising:

mapping software operational when executed by a processor to direct the processor to receive the analog input from an analog input device in the first hand-held computing device, convert the analog input to coordinates, map the coordinates to a button for a second hand-held computing device, and generate an event indicating a state of the button for the second hand-held computing device; and

a software storage medium operational to store the mapping software.

10. The software product of claim 9 wherein the coordinates comprise x, y components.

11. The software product of claim 9 wherein the coordinates are polar.

12. The software product of claim 9 wherein the mapping software is operational when executed by the processor to direct the processor to retrieve a table of coordinates and the button for the second hand-held computing device and wherein mapping the coordinates to the button is based on the table.

13. The software product of claim 9 wherein the second hand-held computing device comprises a legacy PALM operating system button implementation.

14. The software product of claim 9 wherein the second hand-held computing device comprises a 5-way button implementation.

15. The software product of claim 9 wherein the second hand-held computing device comprises an 8-way button implementation.

16. The software product of claim 9 wherein the second hand-held computing device comprises a 4-way button implementation.

17. A first hand-held computing device comprising:

an analog input device configured to generate analog input; and

a processor configured to receive the analog input from the analog input device, convert the analog input to coordinates, map the coordinates to a button for a second hand-held computing device, and generate an event indicating a state of the button for the second hand-held computing device.

18. The first hand-held computing device of claim 17 wherein the coordinates comprise x, y components.

19. The first hand-held computing device of claim 17 wherein the coordinates are polar.

20. The first hand-held computing device of claim 17 wherein the processor is configured to retrieve a table of coordinates and the button for the second hand-held computing device and wherein mapping the coordinates to the button is based on the table.

21. The first hand-held computing device of claim 17 wherein the second hand-held computing device comprises a legacy PALM operating system button implementation.

22. The first hand-held computing device of claim 17 wherein the second hand-held computing device comprises a 5-way button implementation.

23. The first hand-held computing device of claim 17 wherein the second hand-held computing device comprises an 8-way button implementation.

24. The first hand-held computing device of claim 17 wherein the second hand-held computing device comprises a 4-way button implementation.